

Environmental Radiochemical Analysis Using Empore v Disk Technology

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Solid phase disk technology has been in use for several years, especially in the environmental organic analysis area. New developments have created materials for use in the radchem analysis for strontium, radium, and technetium. These tools can significantly reduce analytical costs by providing quicker analysis (both in real time and with high sample throughput) and reduced secondary waste. Both the number and complexity of testing steps is reduced while maintaining an effective analytical procedure. Concentration of the analyte, elimination of matrix interferences, and easy interface with counting equipment are achieved with the solid phase disk technology.